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***** Welcome to STN International *****

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB 10	COMPENDEX reloaded and enhanced
NEWS	15	FEB 11	WTEXTILES reloaded and enhanced
NEWS	16	FEB 19	New patent-examiner citations in 300,000 CA/CAPLUS patent records provide insights into related prior art
NEWS	17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS EXPRESS	JUNE 27 08	CURRENT WINDOWS VERSION IS V8.3,	
		AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.	
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 12:18:01 ON 20 FEB 2009

=> file registry
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.22	0.22

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:18:12 ON 20 FEB 2009
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 19 FEB 2009 HIGHEST RN 1108793-37-8
DICTIONARY FILE UPDATES: 19 FEB 2009 HIGHEST RN 1108793-37-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

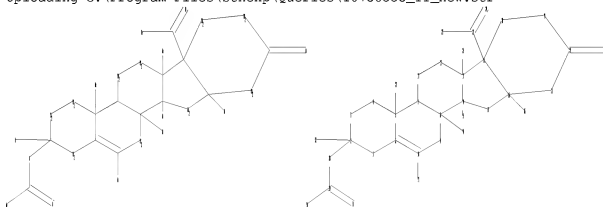
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10758335_II_new.str



chain nodes :
22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
ring nodes :

```

1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21
chain bonds :
2-28  2-32  5-27  8-34  10-33  13-25  14-35  15-22  16-36  20-26  22-23  22-24
28-29  29-30  29-31
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-10  7-8  7-11  8-9  8-14  9-10  11-12  12-13
13-14  13-15  14-17  15-16  15-18  16-17  16-21  18-19  19-20  20-21
exact/norm bonds :
1-2  1-6  2-3  2-28  3-4  4-5  5-6  5-7  6-10  7-8  7-11  8-9  8-14  9-10  11-12
12-13  13-14  13-15  14-17  15-16  15-18  16-17  16-21  18-19  19-20  20-21  20-26
22-24  28-29  29-31
exact bonds :
2-32  5-27  8-34  10-33  13-25  14-35  15-22  16-36  22-23  29-30

```

Match level :

```

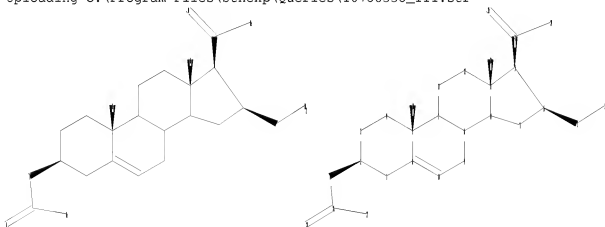
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS
36:CLASS

```

L1 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10758335_III.str



```

chain nodes :
18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17
chain bonds :
2-19  5-18  13-20  15-21  16-22  19-26  21-24  21-25  22-23  26-27  26-28
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-10  7-8  7-11  8-9  8-14  9-10  11-12  12-13
13-14  13-15  14-17  15-16  16-17
exact/norm bonds :

```

1-2 1-6 2-3 2-19 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12
 12-13 13-14 13-15 14-17 15-16 16-17 19-26 21-25 22-23 26-28
 exact bonds :
 5-18 13-20 15-21 16-22 21-24 26-27

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
 28:CLASS

Stereo Bonds:

18-5 (Single Wedge).
 19-2 (Single Wedge).
 20-13 (Single Wedge).
 21-15 (Single Wedge).
 22-16 (Single Hash).

Stereo Chiral Centers:

2 (Parity=Odd)
 5 (Parity=Even)
 13 (Parity=Even)
 15 (Parity=Odd)
 16 (Parity=Even)

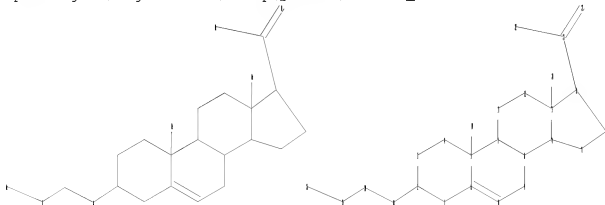
Stereo RSS Sets:

Type=Relative (Default). 5 Nodes= 2 5 13 15 16

L2 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10758335_IV.str



chain nodes :

18 19 20 21 22 23 24 25 26

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

```

chain bonds :
2-18  5-19  13-20  15-21  18-24  21-22  21-23  24-25  25-26
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10  7-8   7-11  8-9   8-14  9-10  11-12  12-13
13-14  13-15  14-17  15-16  16-17
exact/norm bonds :
1-2   1-6   2-3   2-18  3-4   4-5   5-6   5-7   6-10  7-8   7-11  8-9   8-14  9-10  11-12
12-13  13-14  13-15  14-17  15-16  16-17  18-24  21-23  24-25
exact bonds :
5-19  13-20  15-21  21-22  25-26

```

```

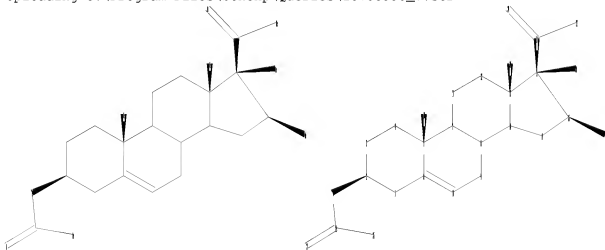
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS

```

L3 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10758335_V.str



```

chain nodes :
18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-19  5-18  13-20  15-21  15-28  16-22  19-25  21-23  21-24  25-26  25-27
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-10  7-8   7-11  8-9   8-14  9-10  11-12  12-13
13-14  13-15  14-17  15-16  16-17
exact/norm bonds :
1-2   1-6   2-3   2-19  3-4   4-5   5-6   5-7   6-10  7-8   7-11  8-9   8-14  9-10  11-12
12-13  13-14  13-15  14-17  15-16  16-17  19-25  21-24  25-27
exact bonds :
5-18  13-20  15-21  15-28  16-22  21-23  25-26

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS

Stereo Bonds:

18-5 (Single Wedge).
19-2 (Single Wedge).
20-13 (Single Wedge).
21-15 (Single Wedge).
22-16 (Single Hash).
28-15 (Single Hash).

Stereo Chiral Centers:

2 (Parity=Odd)
5 (Parity=Even)
13 (Parity=Even)
15 (Parity=Odd)
16 (Parity=Even)

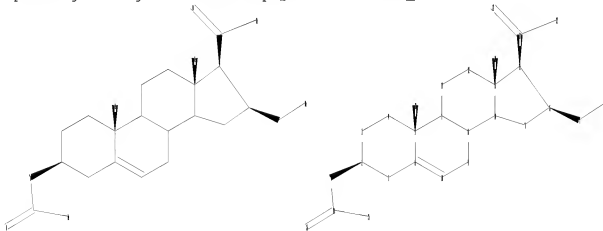
Stereo RSS Sets:

Type=Relative (Default). 5 Nodes= 2 5 13 15 16

L4 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10758335_VI.str



chain nodes :
18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-19 5-18 13-20 15-21 16-27 19-24 21-22 21-23 24-25 24-26 27-28

```
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14 13-15 14-17 15-16 16-17
exact/norm bonds :
1-2 1-6 2-3 2-19 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12
12-13 13-14 13-15 14-17 15-16 16-17 19-24 21-23 24-26
exact bonds :
5-18 13-20 15-21 16-27 21-22 24-25 27-28
```

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS
```

Stereo Bonds:

```
18-5 (Single Wedge).
19-2 (Single Wedge).
20-13 (Single Wedge).
21-15 (Single Wedge).
27-16 (Single Hash).
```

Stereo Chiral Centers:

```
2 (Parity=Odd)
5 (Parity=Even)
13 (Parity=Even)
15 (Parity=Odd)
16 (Parity=Even)
```

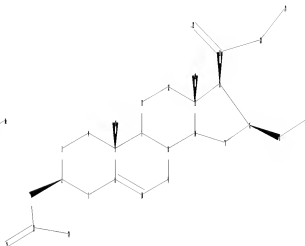
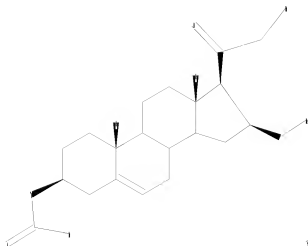
Stereo RSS Sets:

```
Type=Relative (Default). 5 Nodes= 2 5 13 15 16
```

```
L5 STRUCTURE UPLOADED
```

```
=>
```

```
Uploading C:\Program Files\Stnexp\Queries\10758335_VII.str
```



```

chain nodes :
18 19 20 21 22 23 24 25 26 27 28 29
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-19 5-18 13-20 15-21 16-26 19-23 21-22 21-28 23-24 23-25 26-27 28-29
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14 13-15 14-17 15-16 16-17
exact/norm bonds :
1-2 1-6 2-3 2-19 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12
12-13 13-14 13-15 14-17 15-16 16-17 19-23 21-22 23-25
exact bonds :
5-18 13-20 15-21 16-26 21-28 23-24 26-27 28-29

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS 29:CLASS

```

Stereo Bonds:

```

18-5 (Single Wedge).
19-2 (Single Wedge).
20-13 (Single Wedge).
21-15 (Single Wedge).
26-16 (Single Hash).

```

Stereo Chiral Centers:

```

2 (Parity=Odd)
5 (Parity=Even)
13 (Parity=Even)

```


15 (Parity=Odd)
16 (Parity=Even)

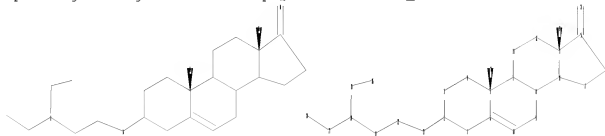
Stereo RSS Sets:

Type=Relative (Default). 5 Nodes= 2 5 13 15 16

L6 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\Stnexp\Queries\10758335_VIII.str



chain nodes :
18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-21 5-18 13-19 15-20 21-22 22-23 23-24 24-25 24-27 25-26 27-28
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12 12-13
13-14 13-15 14-17 15-16 16-17
exact/norm bonds :
1-2 1-6 2-3 2-21 3-4 4-5 5-6 5-7 6-10 7-8 7-11 8-9 8-14 9-10 11-12
12-13 13-14 13-15 14-17 15-16 15-20 16-17 21-22 23-24 24-25 24-27
exact bonds :
5-18 13-19 22-23 25-26 27-28

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS

Stereo Bonds:

18-5 (Single Wedge).
19-13 (Single Wedge).

Stereo Chiral Centers:

5 (Parity=Even)
13 (Parity=Even)

Stereo RSS Sets:

Type=Relative (Default). 2 Nodes= 5 13

L7 STRUCTURE UPLOADED

=> s 11 exa full

FULL SEARCH INITIATED 12:21:19 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 84 TO ITERATE

100.0% PROCESSED 84 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L8 1 SEA EXA FUL L1

=> d 18

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 83117-73-1 REGISTRY

ED Entered STN: 16 Nov 1984

CN 16,24-Cyclo-21-norchol-5-en-23-one, 17-acetyl-3-(acetyloxy)-,
(3 β ,16 β ,17 α)- (9CI) (CA INDEX NAME)

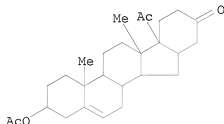
OTHER CA INDEX NAMES:

CN 9H-Indeno[2,1- α]phenanthrene, 16,24-cyclo-21-norchol-5-en-23-one deriv.

MF C27 H38 O4

LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL

(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)

4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 12 exa full

FULL SEARCH INITIATED 12:21:33 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 18 TO ITERATE

100.0% PROCESSED 18 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

L9 1 SEA EXA FUL L2

=> d 19

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 404886-31-3 REGISTRY

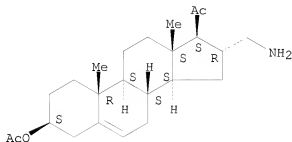
ED Entered STN: 10 Apr 2002

CN Pregn-5-en-20-one, 3-(acetyloxy)-16-(aminomethyl)-, (3 β ,16 α)-
(9CI) (CA INDEX NAME)

FS STEREOSEARCH

DR 23738-13-8
MF C24 H37 N O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s l3 exa full
FULL SEARCH INITIATED 12:21:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 19 TO ITERATE

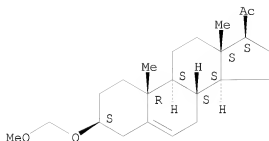
100.0% PROCESSED 19 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L10 1 SEA EXA FUL L3

=> d l10

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 23328-05-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Pregn-5-en-20-one, 3-(methoxymethoxy)-, (3β)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pregn-5-en-20-one, 3β-(methoxymethoxy)- (7CI, 8CI)
OTHER NAMES:
CN 3-O-Methoxymethyl-5-pregnen-3β-ol-20-one
CN NSC 64992
FS STEREOSEARCH
MF C23 H36 O3
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPAT2,
USPATFULL, USPATOLD
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

15 REFERENCES IN FILE CA (1907 TO DATE)
15 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 14 exa full
FULL SEARCH INITIATED 12:22:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 20 TO ITERATE

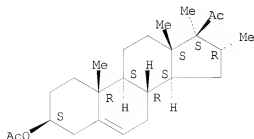
100.0% PROCESSED 20 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L11 1 SEA EXA FUL L4

=> d 111

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 13116-52-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Pregn-5-en-20-one, 3-(acetyloxy)-16,17-dimethyl-, (3β,16α)-
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Pregn-5-en-20-one, 3β-hydroxy-16α,17-dimethyl-, acetate (7CI,
8CI)
OTHER NAMES:
CN 16α,17α-Dimethylpregnenolone acetate
FS STEREOSEARCH
MF C25 H38 O3
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

8 REFERENCES IN FILE CA (1907 TO DATE)
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 15 exa full
FULL SEARCH INITIATED 12:22:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 29 TO ITERATE

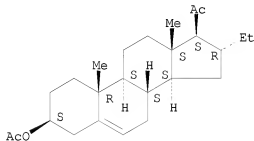
100.0% PROCESSED 29 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L12 1 SEA EXA FUL L5

=> d l12

L12 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN
RN 5297-33-6 REGISTRY
ED Entered STN: 16 Nov 1984
CN Pregn-5-en-20-one, 3-(acetyloxy)-16-ethyl-, (3 β ,16 α)- (CA
INDEX NAME)
OTHER CA INDEX NAMES:
CN Pregn-5-en-20-one, 16 α -ethyl-3 β -hydroxy-, acetate (6CI, 7CI,
8CI)
FS STEREOSEARCH
MF C25 H38 O3
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMCATS, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 16 exa full
FULL SEARCH INITIATED 12:22:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 29 TO ITERATE

100.0% PROCESSED 29 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

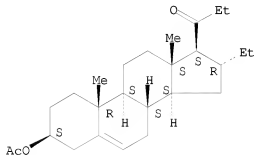
L13 1 SEA EXA FUL L6

=> d l13

L13 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2009 ACS on STN

RN 16321-62-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 1-Propanone, 1-[(3 β ,16 α ,17 β)-16-ethyl-3-(acetyloxy)androst-5-en-17-yl]- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1-Propanone, 1-(16 α -ethyl-3 β -hydroxyandrost-5-en-17 β -yl)-, acetate (8CI)
 FS STEREOSEARCH
 MF C26 H40 O3
 LC STN Files: CA, CAPLUS, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 17 exa full
 FULL SEARCH INITIATED 12:22:40 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 170 TO ITERATE

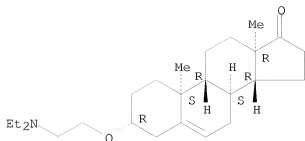
100.0% PROCESSED 170 ITERATIONS 2 ANSWERS
 SEARCH TIME: 00.00.01

L14 2 SEA EXA FUL L7

=> d l14

L14 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2009 ACS on STN
 RN 864628-11-5 REGISTRY
 ED Entered STN: 05 Oct 2005
 CN Androst-5-en-17-one, 3-[2-(diethylamino)ethoxy]-, (3 α ,8 α ,9 β ,10 α ,13 α ,14 β)- (9CI) (CA INDEX NAME)
 FS STEREOSEARCH
 MF C25 H41 N O2
 CI COM
 SR CA

Absolute stereochemistry. Rotation (-).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

=> d his

(FILE 'HOME' ENTERED AT 12:18:01 ON 20 FEB 2009)

FILE 'REGISTRY' ENTERED AT 12:18:12 ON 20 FEB 2009

```

L1          STRUCTURE UPLOADED
L2          STRUCTURE UPLOADED
L3          STRUCTURE UPLOADED
L4          STRUCTURE UPLOADED
L5          STRUCTURE UPLOADED
L6          STRUCTURE UPLOADED
L7          STRUCTURE UPLOADED
L8          1 S L1 EXA FULL
L9          1 S L2 EXA FULL
L10         1 S L3 EXA FULL
L11         1 S L4 EXA FULL
L12         1 S L5 EXA FULL
L13         1 S L6 EXA FULL
L14         2 S L7 EXA FULL

```

=> file medline caplus wpids uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	456.39	456.61

FILE 'MEDLINE' ENTERED AT 12:23:05 ON 20 FEB 2009

FILE 'CAPLUS' ENTERED AT 12:23:05 ON 20 FEB 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 12:23:05 ON 20 FEB 2009

COPYRIGHT (C) 2009 THOMSON REUTERS

FILE 'USPATFULL' ENTERED AT 12:23:05 ON 20 FEB 2009

CA INDEXING COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 18 or 19 or 110 or 111 or 112 or 113 or 114

L8 MAY NOT BE USED HERE

The L-number entered was not created by a STRUCTURE or SCREEN command.

=> s 18

SAMPLE SEARCH INITIATED 12:23:38 FILE 'WPIDS'

```

SAMPLE SCREEN SEARCH COMPLETED -          2 TO ITERATE

100.0% PROCESSED          2 ITERATIONS          0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:    2 TO      62
PROJECTED ANSWERS:       0 TO      0

L15          5 L8

=> s 19
SAMPLE SEARCH INITIATED 12:23:44 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED -          0 TO ITERATE

100.0% PROCESSED          0 ITERATIONS          0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:    0 TO      0
PROJECTED ANSWERS:       0 TO      0

L16          3 L9

=> s 110
SAMPLE SEARCH INITIATED 12:23:51 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED -          7 TO ITERATE

100.0% PROCESSED          7 ITERATIONS          0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:    7 TO     149
PROJECTED ANSWERS:       0 TO      0

L17          17 L10

=> s 111
SAMPLE SEARCH INITIATED 12:23:55 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED -          2 TO ITERATE

100.0% PROCESSED          2 ITERATIONS          0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:    2 TO      62
PROJECTED ANSWERS:       0 TO      0

L18          9 L11

=> s 112
SAMPLE SEARCH INITIATED 12:24:00 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED -          2 TO ITERATE

100.0% PROCESSED          2 ITERATIONS          0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**

```


BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 62
PROJECTED ANSWERS: 0 TO 0

L19 9 L12

=> s l13

SAMPLE SEARCH INITIATED 12:24:10 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1 TO 40
PROJECTED ANSWERS: 0 TO 0

L20 3 L13

=> s l14

SAMPLE SEARCH INITIATED 12:24:15 FILE 'WPIDS'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1 TO 40
PROJECTED ANSWERS: 0 TO 0

L21 12 L14

=> d his

(FILE 'HOME' ENTERED AT 12:18:01 ON 20 FEB 2009)

FILE 'REGISTRY' ENTERED AT 12:18:12 ON 20 FEB 2009

L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
L3 STRUCTURE UPLOADED
L4 STRUCTURE UPLOADED
L5 STRUCTURE UPLOADED
L6 STRUCTURE UPLOADED
L7 STRUCTURE UPLOADED
L8 1 S L1 EXA FULL
L9 1 S L2 EXA FULL
L10 1 S L3 EXA FULL
L11 1 S L4 EXA FULL
L12 1 S L5 EXA FULL
L13 1 S L6 EXA FULL
L14 2 S L7 EXA FULL

FILE 'MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 12:23:05 ON 20 FEB 2009

L15 5 S L8
L16 3 S L9
L17 17 S L10
L18 9 S L11
L19 9 S L12
L20 3 S L13

L21

12 S L14

=> s (115 or 116 or 117 or 118 or 119 or 120 or 121)
 L22 46 (L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21)

=> dup rem l22
 PROCESSING COMPLETED FOR L22
 L23 44 DUP REM L22 (2 DUPLICATES REMOVED)

=> s l23 and (topical or skin)
 L24 1 L23 AND (TOPICAL OR SKIN)

=> d l24 ibib, abs, hitstr

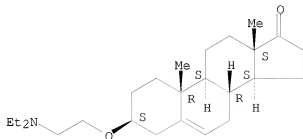
L24 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
 ACCESSION NUMBER: 2002:221159 CAPLUS
 DOCUMENT NUMBER: 136:257280
 TITLE: Methods and compositions that affect melanogenesis
 INVENTOR(S): Orlow, Seth J.; Hall, Andrea; Manga, Prashiela
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 63 pp., Cont.-in-part of U. S.
 Ser. No. 599,487.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20020034772	A1	20020321	US 2001-827428	20010406
WO 2002098347	A2	20021212	WO 2002-US11067	20020408
WO 2002098347	A3	20030501		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
AU 2002345353	A1	20021216	AU 2002-345353	20020408
EP 1383474	A2	20040128	EP 2002-776548	20020408
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004529975	T	20040930	JP 2003-501389	20020408
TW 235659	B	20050711	TW 2002-91107018	20020408
US 20040175767	A1	20040909	US 2004-758335	20040115
US 20060188953	A1	20060824	US 2006-408108	20060420
PRIORITY APPLN. INFO.:				
			US 1999-141563P	P 19990629
			US 2000-599487	A2 20000623
			US 2001-827428	A 20010406
			WO 2002-US11067	W 20020408
			US 2004-758335	A3 20040115

AB The invention provides methods of screening for compds. that affect melanogenesis and the function of P protein in organisms, cells, or cell-free systems. The invention further relates to pharmacol. and cosmetic uses of methods of inhibiting melanogenesis, methods of activating melanogenesis, and compds. and pharmacol. compns. useful for the inhibition or activation of melanogenesis and, therefore, for lightening or darkening the pigmentation of cells and tissue, i.e., skin.

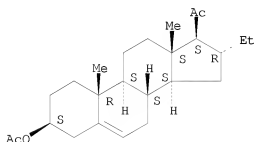
IT 2855-62-1 5297-33-6 13116-52-4
 16321-62-3 23328-05-4 83117-73-1
 404886-31-3
 RL: COS (Cosmetic use); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (methods and comps. that affect melanogenesis)
 RN 2855-62-1 CAPLUS
 CN Androst-5-en-17-one, 3-[2-(diethylamino)ethoxy]-, (3 β)- (CA INDEX NAME)

Absolute stereochemistry.



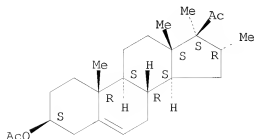
RN 5297-33-6 CAPLUS
 CN Pregn-5-en-20-one, 3-(acetyloxy)-16-ethyl-, (3 β ,16 α)- (CA INDEX NAME)

Absolute stereochemistry.



RN 13116-52-4 CAPLUS
 CN Pregn-5-en-20-one, 3-(acetyloxy)-16,17-dimethyl-, (3 β ,16 α)-(9CI) (CA INDEX NAME)

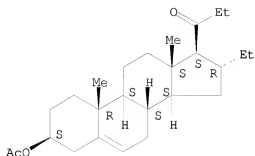
Absolute stereochemistry.



RN 16321-62-3 CAPLUS
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5-en-17-yl]- (9CI) (CA INDEX NAME)

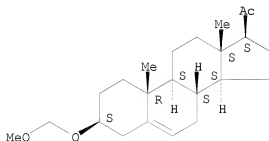
Absolute stereochemistry.



RN 23328-05-4 CAPLUS

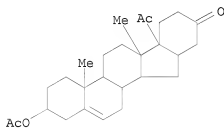
CN Pregn-5-en-20-one, 3-(methoxymethoxy)-, (3 β)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 83117-73-1 CAPLUS

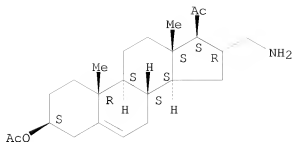
CN 16,24-Cyclo-21-norchol-5-en-23-one, 17-acetyl-3-(acetyloxy)-, (3 β ,16 β ,17 α)- (9CI) (CA INDEX NAME)



RN 404886-31-3 CAPLUS

CN Pregn-5-en-20-one, 3-(acetyloxy)-16-(aminomethyl)-, (3 β ,16 α)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 12:18:01 ON 20 FEB 2009)

FILE 'REGISTRY' ENTERED AT 12:18:12 ON 20 FEB 2009

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L1          STRUCTURE  UPLOADED
L2          STRUCTURE  UPLOADED
L3          STRUCTURE  UPLOADED
L4          STRUCTURE  UPLOADED
L5          STRUCTURE  UPLOADED
L6          STRUCTURE  UPLOADED
L7          STRUCTURE  UPLOADED
L8          1 S L1 EXA FULL
L9          1 S L2 EXA FULL
L10         1 S L3 EXA FULL
L11         1 S L4 EXA FULL
L12         1 S L5 EXA FULL
L13         1 S L6 EXA FULL
L14         2 S L7 EXA FULL

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FILE 'MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 12:23:05 ON 20 FEB 2009

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L15      5 S L8
L16      3 S L9
L17     17 S L10
L18      9 S L11
L19      9 S L12
L20      3 S L13
L21     12 S L14
L22     46 S (L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21)
L23     44 DUP REM L22 (2 DUPLICATES REMOVED)
L24      1 S L23 AND (TOPICAL OR SKIN)

```

=> s 123 and melan?

L25 1 L23 AND MELAN?

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=> d 125 ibib abs
```

L25 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2002:221159 CAPLUS

DOCUMENT NUMBER: 136:257280

TITLE: Methods and compositions that affect melanogenesis

INVENTOR(S): Orlow, Seth J.; Hall, Andrea; Manga, Prashiela
PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 63 pp., Cont.-in-part of U. S. Ser. No. 599,487.

DOCUMENT TYPE: CODEN: USXXCO
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 2 English
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20020034772	A1	20020321	US 2001-827428	20010406
WO 2002098347	A2	20021212	WO 2002-US11067	20020408
WO 2002098347	A3	20030501		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
AU 2002345353	A1	20021216	AU 2002-345353	20020408
EP 1383474	A2	20040128	EP 2002-776548	20020408
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004529975	T	20040930	JP 2003-501389	20020408
TW 235659	B	20050711	TW 2002-91107018	20020408
US 20040175767	A1	20040909	US 2004-758335	20040115
US 20060188953	A1	20060824	US 2006-408108	20060420

PRIORITY APPLN. INFO.:

US 1999-141563P	P	19990629
US 2000-599487	A2	20000623
US 2001-827428	A	20010406
WO 2002-US11067	W	20020408
US 2004-758335	A3	20040115

AB The invention provides methods of screening for compds. that affect melanogenesis and the function of P protein in organisms, cells, or cell-free systems. The invention further relates to pharmacol. and cosmetic uses of methods of inhibiting melanogenesis, methods of activating melanogenesis, and compds. and pharmacol. compns. useful for the inhibition or activation of melanogenesis and, therefore, for lightening or darkening the pigmentation of cells and tissue, i.e., skin.

=> s 123 and derma?
 L26 0 L23 AND DERMA?

=> d his

(FILE 'HOME' ENTERED AT 12:18:01 ON 20 FEB 2009)

FILE 'REGISTRY' ENTERED AT 12:18:12 ON 20 FEB 2009

L1	STRUCTURE UPLOADED
L2	STRUCTURE UPLOADED
L3	STRUCTURE UPLOADED
L4	STRUCTURE UPLOADED
L5	STRUCTURE UPLOADED
L6	STRUCTURE UPLOADED
L7	STRUCTURE UPLOADED
L8	1 S L1 EXA FULL
L9	1 S L2 EXA FULL
L10	1 S L3 EXA FULL
L11	1 S L4 EXA FULL
L12	1 S L5 EXA FULL

L13 1 S L6 EXA FULL
L14 2 S L7 EXA FULL

FILE 'MEDLINE, CAPLUS, WPIDS, USPATFULL' ENTERED AT 12:23:05 ON 20 FEB 2009

L15 5 S L8
L16 3 S L9
L17 17 S L10
L18 9 S L11
L19 9 S L12
L20 3 S L13
L21 12 S L14
L22 46 S (L15 OR L16 OR L17 OR L18 OR L19 OR L20 OR L21)
L23 44 DUP REM L22 (2 DUPLICATES REMOVED)
L24 1 S L23 AND (TOPICAL OR SKIN)
L25 1 S L23 AND MELAN?
L26 0 S L23 AND DERMA?

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	27.38	483.99
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.64	-1.64

STN INTERNATIONAL LOGOFF AT 12:27:10 ON 20 FEB 2009